

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122023\
 Data File : VU057110.D
 Acq On : 20 Dec 2023 22:55
 Operator : MD/SY
 Sample : 05894-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH3K4

Quant Time: Dec 21 05:00:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 21 01:34:13 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	194343	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	192020	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	86875	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	52841	3.172	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.400%
7) Chloroethane-d5	1.911	69	46617	3.740	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.800%
11) 1,1-Dichloroethene-d2	2.563	65	25619	3.594	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	4.628	46	127478	38.750	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.500%
24) Chloroform-d	5.055	84	126542	4.011	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.200%
26) 1,2-Dichloroethane-d4	5.695	65	62131	4.162	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.721	84	229690	3.856	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.200%
36) 1,2-Dichloropropane-d6	6.685	67	70205	3.766	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.400%
41) Toluene-d8	7.894	98	190159	3.572	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.400%
43) trans-1,3-Dichloroprop...	8.174	79	26039	3.602	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.000%
46) 2-Hexanone-d5	8.631	63	97780	35.861	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.720%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	54611	4.049	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	71045	4.160	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.200%
Target Compounds						Qvalue
5) Vinyl chloride	1.602	62	57600	2.897	ug/L	99
8) Chloroethane	1.930	64	158700	13.624	ug/L	95
12) 1,1-Dichloroethene	2.573	96	5512	0.349	ug/L #	1
19) 1,1-Dichloroethane	3.859	63	866392	28.155	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	486296	27.942	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	617267	22.238	ug/L	99
34) Trichloroethene	6.537	95	299242	16.165	ug/L	98
42) Toluene	7.965	91	23768	0.340	ug/L	98
47) Tetrachloroethene	8.550	164	5184	0.400	ug/L	90
51) Chlorobenzene	9.444	112	16974	0.381	ug/L	93
65) 1,4-Dichlorobenzene	11.836	146	8490	0.266	ug/L	95
67) 1,2-Dichlorobenzene	12.206	146	18617	0.629	ug/L	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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